IN THE CLAIMS

Please amend claims 1-6, as follows:

1. (Amended) A memory system, comprising:

a plurality of defect-adaptive memory devices for sequentially storing information needed for data recovery in a first region of a recording medium in the form of blocks, and storing data in a second region other than said first region;

a plurality of caches respectively connected to said plurality memory devices, for storing information blocks needed for data recovery, the information blocks being read from a predetermined memory device; and

a controller connected to each memory device of said plurality of memory [device] devices and [a] each corresponding cache of said plurality of caches, for controlling writing and reading of [data and] information needed for data recovery in each memory device, [calculating] obtaining information needed for data recovery [of data read] from each memory device, and storing the obtained information needed for data recovery [of data calculated] in a predetermined one of said plurality of caches [cache].

2.(Amended) The memory system of claim 1, further comprised of said controller determining whether data recovery information [with relation to data] is stored in [each] any cache of said plurality of caches.

3.(Amended) The memory system of claim 1, further comprised of said information blocks in which the information needed for data recovery is stored [are] being sequentially [set up] arranged from the most outer cylinder on said recording medium.

4.(Amended) The memory system of claim 3, further comprised of said information needed for data recovery being modified to a value obtained through a calculation [process] of new data recovery information.

5.(Amended) The memory system of claim 4, further comprised of said information needed for data recovery being [calculated] obtained by exclusive-ORing of previous data, recovery information with relation to the previous data, and new data.

6.(Amended) A redundant [arrays] array of inexpensive disks (RAID) system, comprising:

a plurality of disk drives each consisting a plurality of data blocks for storing data and a predetermined number of parity blocks for storing parity information [need] needed for data recovery;

a plurality of caches respectively connected to said plurality of disk drives for storing parity information needed for data recovery; and

a controller functionally connected to each disk drive and each cache for controlling write operation of data and parity information needed for data recovery in each disk drive by a process of:

calculating a target location of a predetermined disk drive upon receipt of a data

writing instruction from a host computer;

reading old data from the predetermined disk drive;

determining whether old parity information [to be] read from the predetermined disk drive is hit in a corresponding cache;

[alternatively, when] upon the old parity information [to be] read from the predetermined disk drive [is] not being hit in the corresponding cache, reading the old parity information and updating a cache [table] and then performing the following process, and upon the old parity information to be read from the predetermined disk drive being hit in the corresponding cache, merely performing the following process without updating a cache;

[calculating] obtaining new parity information [after] by performing an exclusive OR operation between [the] read old parity information [read] and new data;

updating the cache table; and

writing the new data and new parity information [on] in the target location of a predetermined disk drive.